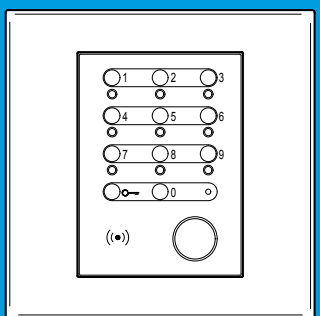
Alarms Notification Module

User manual



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Part. U3628A - 11/08-01 PC

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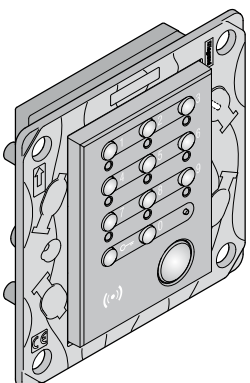
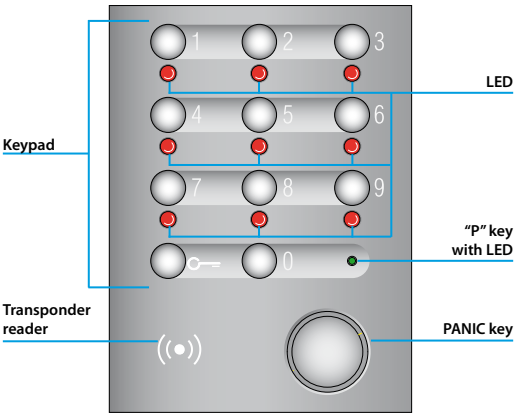
1 - Introduction

The Alarms Notification Module

The Alarms Notification Module is a safety device, capable of notifying burglary, technical faults and panic alarms locally and send them to the Video Handset and to the Switchboard, where they will be displayed.
The Alarms Notification Module is capable of handling 8 independent inputs and one additional input dedicated to panic alarm signals (PANIC).
Each input can be enabled or disabled. Its state is indicated by the corresponding LED.
The system can be armed/disarmed by entering the 5 digit numeric code or by using a transponder key.



✔ User interface



- **LED:** Leds 1 – 8 provide alarm notification from the burglary and technical faults inputs, LED 9 is dedicated to the panic alarm notification.
- **Needle key with LED:** this key gives access to the starting up procedure, Code/Transponder set up and Resetting of the Module.
- **PANIC key:** it generates an emergency call, even with the system disarmed.
- **Transponder reader:** Transponder keys reader.
- **Keypad:** numeric keys for entering the user code. The ⊶ key gives access to the arming/disarming procedure.

✔ LEDs light signals

The following tables describe the LEDs light notifications of the states of the corresponding inputs.

- **Input not detected:** input not connected.
  An input not connected cannot be enabled.
- **Input enabled:** input connected and enabled for alarm transmission.
- **Input disabled:** input connected but alarm transmission disabled.
- **Input alarmed:** input connected, enabled and alarmed.
- **Input alarmed after transmission of signal:** the input is still alarmed after sending the alarm notification to the Handset and to the Switchboard.

Input not detected	Input enabled	Input disabled	Input alarmed	Input alarmed after alarm notification transmission
Off	Red	Green	Red flashing quickly + Buzzer on	Red flashing slowly

✔ "P" LED light signals

The following table show the light signals for the needle key LED.

- **System armed:** the state of the module when technical fault and burglary alarms can be generated.
- **System disarmed:** state of the Module when technical fault and burglary alarms are not generated (panic and tamper alarms remain active). The state of the inputs (enabled/disabled) can be changed when the module is in this mode.
- **Arming phase:** it shows the passing of the output timing.
- **Anti-tamper alarm:** notification that the Module has been tampered with.
- **Code/transponder management:** the set up procedure for the user code or the transponder keys have been activated.
- **Installation:** the start up procedure for the Module operation has been activated.

System armed	System disarmed	Arming phase	Anti-tamper alarm	Codes/ transponders management	Installation
Off	Green	Red flashing quickly	Red flashing slowly	Deep Red	Orange

✔ Configuration table

CONFIGURATION OF THE ALARMS NOTIFICATION MODULE			
LED	ALARM DESCRIPTION	TRANSMISSION TIME DELAY	OUTPUT TIME
1			
2			
3			
4			
5			
6	Flood		
7	Gas leak		
8	Fire		
9	PANIC	10 s	

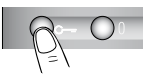
TO BE COMPLETED BY THE INSTALLER

Arming/Disarming

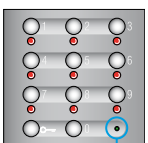
The Alarms Notification Module can operate in 2 main modes:

- **Disarmed:** when in this mode, technical fault and burglary alarms are not generated (panic and tamper alarms remain active). The state of the inputs (enabled/disabled) can be changed when the module is in this mode.
- **Armed:** when in this mode, all alarms can be generated.

✔ With the user code

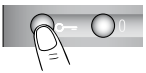


- Press the key

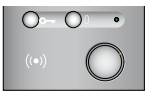


- Enter the user code (default **12345**) , to change the mode of operation. Once the code has been entered, a confirmation beep will be heard:
  - short beep, correct code entered
  - long beet, wrong code entered
- In both cases, the device shows the active inputs with their assigned LEDs on (red).
- The information of the system status, Armed/Disarmed, is provided by the "**P**" LED.
  Off: system armed
  ON green: system disarmed

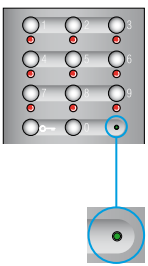
✔ With the transponder key



- Press the key



- Run an enabled transponder key by the reader (within 4 seconds).



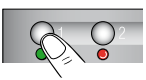
- In both cases, the device shows the active inputs with their assigned LEDs on (red).
- The information of the system status, Armed/Disarmed, is provided by the "**P**" LED.
  Off: system armed
  ON green: system disarmed

2 - Basic operation

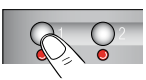
Inputs choking

The enabling/disabling status of the inputs (choking) can only be changed when the system is disarmed.
The Alarms Notification Module is capable of distinguishing between a connected and a non connected (not detected - LED off) input. A non connected input cannot be enabled.

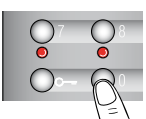
✔ Inputs Enabling/Disabling



- Press the key of a disabled input (green LED) to enable it (red LED).



- Press the key of an enabled input (red LED) to disable it (green LED).



- Press the **0** key to enable/disable all inputs

  - Press a 1st time to Enable

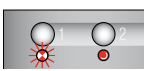
  - Press a 2nd time to Disable

Alarms handling

The Alarms Notification Module notifies the following types of alarms:

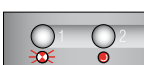
- **Burglar:** when an enabled burglary input is activated;
- **Technical fault:** when an enabled technical fault input is activated;
- **Panic:** when input no. 9 is activated or the PANIC key on the keypad is pressed;
- **Tampering:** when the anti-tamper protection is open.

✔ Burglar alarm

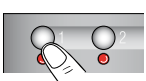


- The LED assigned to this input flashes quickly and the device emits a short acoustic signal that repeats every second.

After the waiting time delay has expired (see configuration table on page 6) the alarm notification is sent to the Handset and to the Switchboard.

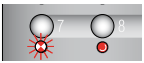


- After the alarm notification has been sent, the acoustic signal stop and the LED's flashing will become slow.



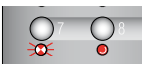
- To remove the visual notification of the alarm, press the key of the input that generated the alarm (with the system disarmed).

✔ Technical Fault Alarm

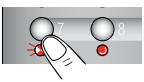


- The LED assigned to the technical fault input flashes quickly and the device emits a short acoustic signal that repeats every second.

After the waiting time delay has expired (see configuration table on page 5) the alarm notification is sent to the Handset and to the Switchboard.

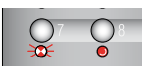


- After the alarm notification has been sent, the acoustic signal stop and the LED's flashing will become slow.

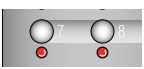


- To remove the visual notification of the alarm, press the key of the input that generated the alarm (with the system disarmed).

  The Alarms Notification Module carries out the following operations:

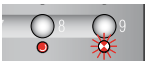


- If the cause that generated the alarm is not resolved: the visual notification is not removed.



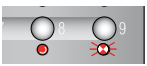
- If the cause that generated the alarm has been resolved: the visual notification is removed. The device will also send a technical fault alarm reset notification to the Handset and to the Switchboard.

✔ PANIC Alarm

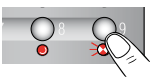


- The LED 9, assigned to the alarmed input flashes quickly and the device emits an acoustic signal that will last 10 seconds.

After the waiting time delay has expired (10 seconds), the alarm notification is sent to the Handset and to the Switchboard. The alarm response handling procedure is then referred to the Caretaker's Lodge Switchboard.

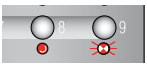


- After the alarm notification has been sent, the acoustic signal stop and the LED's flashing will become slow.



- To remove the visual notification of the alarm, press the key of the input that generated the alarm (with the system disarmed).

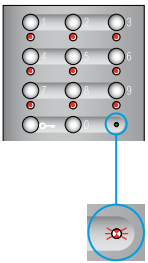
  The Alarms Notification Module carries out the following operations:



- If the cause that generated the alarm is not resolved: the visual notification is not removed.

- If the cause that generated the alarm has been resolved: the visual notification is removed. The device will also send a technical fault alarm reset notification to the Handset and to the Switchboard.

✔ Anti-tamper alarm

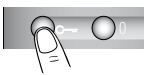


- If the Alarms Notification Module is tampered with, a notification is sent to the Handset and to the Switchboard. At the same time the "**P**" LED will turn red and start flashing slowly.

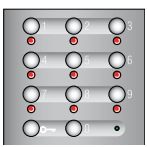
- To remove the notification, reset the tampering contact and arm the system.

✔ Alarm stop

To stop an alarm before this is sent to the Handset and to the Switchboard, within the time limit specified by the configuration:

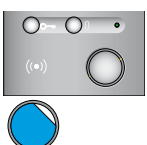


- Press the key



- Enter the user code (default **12345**).

or

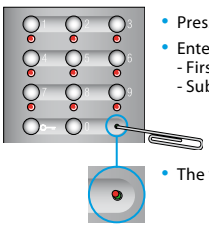


- Run an enabled transponder key by the reader.

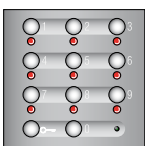
The code and the transponders

The Alarm Notification Module can accept only one user code (5 numeric digits) and 10 transponder keys.
The code (factory set to **12345**) can be changed at any time. To replace a transponder key after the maximum number of keys has been reached, all keys need to be deleted and then re-registered.

✔ Customizing the user code



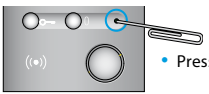
- Press the needle key "**P**".
- Enter the code:
  - First activation: **12345**
  - Subsequent activations: personal code
- The "**P**" LED turns red



- Enter the new code (eg.: 99999)
- The device will emit a **sound.**
- Re-enter the new code (eg.: 99999)
  - If the code has been re-entered correctly, **2 beep** will be heard and the LED will go off.
  - If the code has been re-entered incorrectly, **1 1 long beep** will be heard and the procedure will need to be repeated.

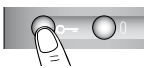
✔ Retrieving the factory set code

Reinstating of the factory set user code (if the current code has been forgotten) can be done following the procedure below, provided that a registered transponder key is available (otherwise contact the installer).

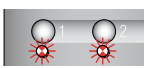


- Press the needle key "**P**".

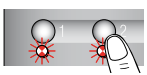
- Run an enabled transponder key by the reader.
- The "**P**" LED turns red



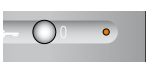
- Press the ⊂— for 5 seconds.



- The LEDs of keys 1 and 2 start flashing.



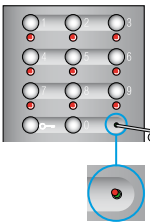
- Press key **2.**



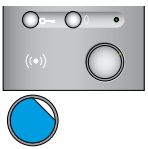
- The "**P**" LED turns orange and starts flashing.
- The factory set code **12345** has now been activated.

3 - Advanced operation

✔ Enabling the transponder key



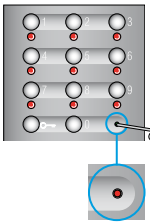
- Press the needle key "**P**".
- Enter the code:
  - First activation: **12345**
  - Subsequent activations: Run an enabled transponder key by the reader.
- The "**P**" LED turns red.



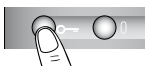
- Run a transponder key to be enabled by the reader:
  - If the transponder key is recognised, it means that it can still be registered (the maximum number of keys is 10). In this case the device will **beep twice** and the LED will go off.
  - Otherwise the device will emit **1 long beep**.

  The procedure will then need to be repeated.

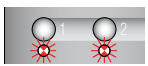
✔ Deleting Transponder keys



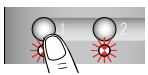
- Press the needle key "**P**".
- Enter the code or run an enabled transponder key by the reader.
- The "**P**" LED turns red.



- Press the key for 5 seconds.



- The LEDs of keys 1 and 2 start flashing.

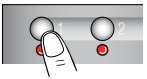


- Press key **1.**

- The "**P**" LED turns orange and starts flashing.
- All transponder keys have been cancelled.

Silencing the keys

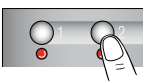
It is possible to enable/disable the keys' sound.



- Press key **1** for 5 seconds, to enable/disable the sound.

LED suppression

It is possible to suppress the display of the LEDs status when the system is armed.



- When the system is disarmed, press key **2** for 5 seconds.

4 - Maintenance and troubleshooting

✔ A false alarm is received by a system sensor

The sensor is probably faulty: choke the zone and contact the installer.

✔ I have forgotten the user code

Retrieve the factory set code (see page 11).

✔ I have lost a transponder key

Cancel all transponders and re-register the ones to be used (see page 12).

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Installer stamp

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